

WE CLAIM AS OUR INVENTION

1. A method for installing right and left door panels on a steel shelving cabinet, said steel shelving cabinet having at least two supporting front corner posts and shelf supports connected to the corner posts supporting shelves, comprising the steps of:

installing a bottom support to the front corner posts at a bottom of the cabinet and a top support to the front corner posts at a top of the shelving cabinet;

installing a bottom door jamb on the bottom support;

providing pivot pins at a top and bottom of each of the right and left door panels;

with the door panels upright, inserting respective bottom pivot pins in respective apertures at front corners of the bottom door jamb; and

positioning an upper door jamb such that apertures of the upper door jamb are received over the respective top pivot pins of the right and left door panels and then attaching the upper door jamb to the top support.

2. The method according to claim 1 including the step of attaching an extender to each of the front corner posts.

3. The method according to claim 2 including the step of employing an extender clamp to clamp a back surface of each extender to a flange surface of each of the front corner posts.

4. The method according to claim 1 including the step of placing a bushing over the pivot pin on each pivot pin at the bottom of each door panel prior to installing

the door panel into the bottom jamb.

5. The method according to claim 1 including the step of providing the pivot pins on plates and mounting the plates at a top and bottom of each of the right and left door panels.

6. The method according to claim 5 including the step of mounting the pivot pin plates at the top and bottom of each of the right and left door panels after installing the bottom door jamb.

7. The method according to claim 5 including the step of installing the pin plates at the top and bottom of each of the right and left door panels prior to installing the bottom and top supports.

8. The method according to claim 2 including the step of attaching the extender to each of the front corner posts prior to installing the top and bottom supports.

9. The method according to claim 1 wherein the top and bottom supports are the same as the shelf supports.

10. A method for retrofitting right and left door panels on a steel shelving cabinet, said steel shelving cabinet having supporting corner posts and shelf supports connected to the corner posts supporting shelves, comprising the steps of:

shipping to a customer who already has the steel shelving cabinet, a bottom

support, a top support, a bottom door jamb, right and left door panels, pivot pins for a top and a bottom of each of the right and left door panels, and an upper door jamb;

installing the bottom and top supports to the corner posts, providing the pivot pins at the top and bottom of each of the right and left door panels, and installing a bottom door jamb on the bottom support;

with the door panels upright, inserting the respective bottom pivot pins in respective apertures of the bottom door jamb; and

positioning the upper door jamb such that apertures of the upper door jamb are received over the respective top pivot pins of the right and left door panels and then attaching the upper door jamb to the top support.

11. The method according to claim 10 wherein the top and bottom supports are the same as the shelf supports.

12. A door panel system for attachment to a metal shelving cabinet, said metal shelving cabinet having at least two front corner posts, shelf supports connected to the corner posts supporting shelves, and at least a top surface and two side surfaces, comprising:

a bottom support attached between a bottom of the two front corner posts;

a top support attached between a top of the two corner posts;

a bottom door jamb attached to the bottom support;

a top door jamb attached to the top support;
the upper and lower door jambs having respective receiving holes for pivot pins;
and
right and left door panels each having pivot pins received in the pivot pin apertures of the upper and lower door jambs.

13. The system according to claim 12 wherein an extender is provided between each of the front corner posts and the respective right and left door panels.

14. The system according to claim 13 wherein the extender has a back surface which is attached to a flange of each front corner post.

15. The system according to claim 14 wherein the extender clamp comprises first and second clamping side surfaces and a junction surface therebetween and clamps to the back surface to the flange.

16. The system according to claim 13 wherein the extender comprises an inside lip, a front surface, an outer side surface, and a back attachment surface.

17. The system according to claim 15 wherein the extender clamp has on one of its clamping side surfaces a set screw.

18. The system according to claim 12 wherein a bushing is received over each of the bottom pivot pins.

19. The system according to claim 12 wherein the pivot pins are on a pivot plate which is attached by screws at the top and bottom of each of the right and left door panels.

20. The system according to claim 12 wherein the bottom door jamb has a horizontal upper surface stepped up from a horizontal lower surface with the horizontal lower surface being toward a front of the cabinet, and wherein an extension of the horizontal lower surface has said pivot pin apertures for receiving said pivot pins of the door panels.

21. The system according to claim 12 wherein a step surface is provided between lower and upper surfaces of the bottom jamb, the step surface being an abutment jamb surface against which the door panels close.

22. The system according to claim 12 wherein the top door jamb has a lower horizontal surface with a projection serving as a stop jamb for the door panels, a front external surface being positioned at a front edge of the lower surface.

23. The system according to claim 22 wherein a top lip is provided at a top of the front external surface.

24. The system according to claim 12 wherein the bottom door jamb is connected by screws to the bottom support.

25. The system according to claim 12 wherein the top jamb is connected by screws to the top support.

26. The system according to claim 12 wherein a bottom shelf overlays a horizontal raised surface of the bottom jamb.

27. The system according to claim 12 wherein each of the door panels has a front surface and first and second channels at a backside thereof.

28. The system according to claim 12 wherein each of the door panels has upper and lower edge surfaces and side surfaces.

29. The system according to claim 12 wherein each of the shelf supports has locking pins at ends thereof received in locking apertures in the respective corner posts.

30. The system of claim 12 wherein the top and bottom supports are the same as the shelf supports.

31. A door panel system for attachment to a metal cabinet, said metal cabinet having at least two L-shaped front corner posts, and at least a top surface and two side surfaces, comprising:

a bottom support attached between a bottom of the two front corner posts;

a top support attached between a top of the two corner posts;

a bottom door jamb attached to the bottom support;

a top door jamb attached to the top support;
the upper and lower door jambs having respective receiving holes for pivot pins;
and
right and left door panels each having pivot pins received in the pivot pin apertures of the upper and lower door jambs.

32. The system of claim 31 including bushings received over each of the bottom pivot pins.